

The Applicants believe that the Claims in the direct communication service category include Original Dependent Claims 57-63, which have been amended in a concurrent First Preliminary Amendment to depend from New Claim 103. Claim 56 has been canceled.

57. (Currently amended) An apparatus as recited in Claim ~~[[56]]~~ 103, in which said direct communication service is conducted using frequency bands 11 and 12.

58. (Currently amended) An apparatus as recited in Claim ~~[[56]]~~ 103, in which said direct communication service is conducted in orbit around the Earth.

59. (Currently amended) An apparatus as recited in Claim ~~[[56]]~~ 103, in which said direct communication service is conducted beyond Earth orbit.

60. (Currently amended) An apparatus as recited in Claim ~~[[56]]~~ 103, in which said direct communication service is conducted using electromagnetic frequencies.

61. (Currently amended) An apparatus as recited in Claim ~~[[56]]~~ 103, in which said direct communication service is conducted using optical frequencies.

62. A (Currently amended) An apparatus as recited in Claim ~~[[56]]~~ 103, in which said direct communication service is conducted at extremely high output power compared to conventional satellite operations.

63. (Currently amended) An apparatus as recited in Claim ~~[[56]]~~ 103, in which said direct communication service is conducted using a network.

The Applicants also believe that the Claims in the direct communication service category include New Claims 104-116, which have been added in the First Preliminary Amendment:

104. (New) An apparatus as recited in Claim 103, in which said direct communication services are enabled by high power generating capacity.

105. (New) An apparatus as recited in Claim 103, in which said direct communication system is powered by very high levels of electrical power compared to conventional satellites.

106. (New) An apparatus as recited in Claim 103, in which said direct communication system is conducted using an array of antennas.

107. (New) An apparatus as recited in Claim 103, in which direct broadcast signals at frequencies of 100 GHz and beyond

108. (New) An apparatus as recited in Claim 103, further comprising a direct broadcast system; said direct broadcast system including a beam-forming array to penetrate layers of the atmosphere which absorb and scatter conventional, lower power signals.

109. (New) An apparatus as recited in Claim 103, further comprising a steerable antenna for penetrating layers of the atmosphere which absorb and scatter conventional, lower power signals.

110. (New) An apparatus as recited in Claim 103, in which said direct communication system provides a wide variety of services that offer direct transmissions among said apparatus positioned in orbit and a plurality of terrestrial terminals.

111. (New) An apparatus as recited in Claim 103, in which said direct communication service provides a one way transmission between said apparatus positioned in orbit and a terminal on the Earth's surface.

112. (New) An apparatus as recited in Claim 103, in which said direct communication service provides a one way transmission between said apparatus positioned in orbit and a terminal near the Earth's surface.

113. (New) An apparatus as recited in Claim 103, in which said direct communication service provides two way emanations between said apparatus positioned in orbit and a terminal on the Earth's surface.

114. (New) An apparatus as recited in Claim 103, in which said direct communication service provides any two way emanations between said apparatus positioned in orbit and a terminal near the Earth's surface.

115. (New) An apparatus as recited in Claim 103, in which said direct communication service provides two way emanations between said apparatus positioned in orbit and another satellite.

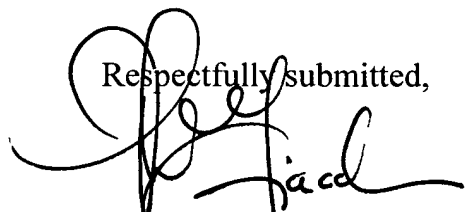
116. (New) An apparatus as recited in Claim 103, in which said direct communication service provides high-bandwidth transmissions.

CONCLUSION

The Applicants believe that no fee is required to enter this Election of Claims. A separate Petition for a Two Month Extension of Time is being submitted concurrently, along with a Credit Card Charge Authorization for the petition fee.

A First Preliminary Amendment is being submitted concurrently with this Election of Claims. The New Claims which are being added to the Present Application will be presented and paid for in the First Preliminary Amendment. The Applicants respectfully request that the all of the Pending Claims be allowed, and this Application be passed to issue.

Respectfully submitted,



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